BIOTECHNOLOGY
SYSTEMS
BRANCH

# RAW SEQUENCE LISTING
## ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: _/0/076,918_
Source: _OIPE_
Date Processed by STIC: _5/31/2002_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
   APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
   NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: **patin21help@uspto.gov** or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: **patin3help@uspto.gov** or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER
VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        **http://www.uspto.gov/web/offices/pac/checker**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , EFS Submission
   User Manual - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
   Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
   2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office,
   Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

**ERROR DETECTED**  **SUGGESTED CORRECTION**  SERIAL NUMBER: _10/076 918_

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

1 ____ Wrapped Nucleics / Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 ____ Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 ____ Misaligned Amino Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 ____ Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 ____ Variable Length
Sequence(s) ____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 ____ PatentIn 2.0 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 ____ Skipped Sequences (OLD RULES)
Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)          SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 ____ Skipped Sequences (NEW RULES)
Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 ____ Use of n's or Xaa's (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.

10 ____ Invalid <213> Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial-Sequence

11 ____ Use of <220>
Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)  (Sec. 1.823 of Sequence Rules)

12 ____ PatentIn 2.0 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 ____ Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

*AMC/MH – Biotechnology Systems Branch – 08/21/2001*

OIPE

**Does Not Comply**
**Corrected Diskette Needed**

```
 4 <110> APPLICANT: CHEN, ZHIJIAN J.
 5         DENG, LI
 7 <120> TITLE OF INVENTION: TRAF6-REGULATED IKK ACTIVATORS (TRIKA1 AND TRIKA2) AND THEIR
USE AS
 8         ANTI-INFLAMMATORY TARGETS
10 <130> FILE REFERENCE: UTSD:857US
12 <140> CURRENT APPLICATION NUMBER: US 10/076,918
13 <141> CURRENT FILING DATE: 2001-10-11
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 152
21 <212> TYPE: PRT
22 <213> ORGANISM: Synthetic Peptide
24 <400> SEQUENCE: 1
25 Met Ala Gly Leu Pro Arg Arg Ile Ile Lys Glu Thr Gln Arg Leu Leu
26 1               5                   10                  15
27 Ala Glu Pro Val Pro Gly Ile Lys Ala Glu Pro Asp Glu Ser Asn Ala
28              20                  25                  30
29 Arg Tyr Phe His Val Val Ile Ala Gly Pro Gln Asp Ser Pro Phe Glu
30          35                  40                  45
31 Gly Gly Thr Phe Lys Leu Glu Leu Phe Leu Pro Glu Glu Tyr Pro Met
32      50                  55                  60
33 Ala Ala Pro Lys Val Arg Phe Met Thr Lys Ile Tyr His Pro Asn Val
34 65                  70                  75                  80
35 Asp Lys Leu Gly Arg Ile Cys Leu Asp Ile Leu Lys Asp Lys Trp Ser
36              85                  90                  95
37 Pro Ala Leu Gln Ile Arg Thr Val Leu Leu Ser Ile Gln Ala Leu Leu
38              100                 105                 110
39 Ser Ala Pro Asn Pro Asp Asp Pro Leu Ala Asn Asp Val Ala Glu Gln
40          115                 120                 125
41 Trp Lys Thr Asn Glu Ala Gln Ala Ile Glu Thr Ala Arg Ala Trp Thr
42      130                 135                 140
43 Arg Leu Tyr Ala Met Asn Asn Ile
44 145                 150
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 170
48 <212> TYPE: PRT
49 <213> ORGANISM: Synthetic Peptide
51 <400> SEQUENCE: 2
52 Met Pro Gly Glu Val Gln Ala Ser Tyr Leu Lys Ser Gln Ser Lys Leu
53 1               5                   10                  15
54 Ser Asp Glu Gly Arg Leu Glu Pro Arg Lys Phe His Cys Lys Gly Val
55              20                  25                  30
```

*see item 10 on Error Summary Sheet*

*see item 10*

RAW SEQUENCE LISTING                    DATE: 05/31/2002
PATENT APPLICATION:   US/10/076,918     TIME: 08:32:54

Input Set : A:\utsd857.ST25.txt
Output Set: N:\CRF3\05312002\J076918.raw

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56 Lys Val Pro Arg Asn Phe Arg Leu Leu Glu Glu Leu Glu Glu Gly Gln
57          35                40                45
58 Lys Gly Val Gly Asp Gly Thr Val Ser Trp Gly Leu Glu Asp Asp Glu
59     50              55                60
60 Asp Met Thr Leu Thr Arg Trp Thr Gly Met Ile Ile Gly Pro Pro Arg
61 65              70                75                80
62 Thr Ile Tyr Glu Asn Arg Ile Tyr Ser Leu Lys Ile Glu Cys Gly Pro
63              85                90                95
64 Lys Tyr Pro Glu Ala Pro Pro Phe Val Arg Phe Val Thr Lys Ile Asn
65          100              105              110
66 Met Asn Gly Val Asn Ser Ser Asn Gly Val Val Asp Pro Arg Ala Ile
67          115              120              125
68 Ser Val Leu Ala Lys Trp Gln Asn Ser Tyr Ser Ile Lys Val Val Leu
69     130              135              140
70 Gln Glu Leu Arg Arg Leu Met Met Ser Lys Glu Asn Met Lys Leu Pro
71 145              150              155              160
72 Gln Pro Pro Glu Gly Gln Cys Tyr Ser Asn
73              165              170
```

**VERIFICATION SUMMARY**
PATENT APPLICATION:  US/10/076,918

DATE: 05/31/2002
TIME: 08:32:55

Input Set : A:\utsd857.ST25.txt
Output Set: N:\CRF3\05312002\J076918.raw